

Andrea Motta

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6531913/andrea-motta-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

178
papers

4,328
citations

38
h-index

51
g-index

203
ext. papers

4,938
ext. citations

4.6
avg, IF

5.15
L-index

#	Paper	IF	Citations
178	Epigenetics and .. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
177	Endothelial Dysfunction in COVID-19: A Unifying Mechanism and a Potential Therapeutic Target.. <i>Biomedicines</i> , 2022 , 10,	4.8	6
176	Role of Branched-Chain Amino Acid Metabolism in Type 2 Diabetes, Obesity, Cardiovascular Disease and Non-Alcoholic Fatty Liver Disease.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
175	Mechanisms and Clinical Implications of Endothelial Dysfunction in Arterial Hypertension. <i>Journal of Cardiovascular Development and Disease</i> , 2022 , 9, 136	4.2	0
174	Beclin-1-mediated activation of autophagy improves proximal and distal urea cycle disorders. <i>EMBO Molecular Medicine</i> , 2021 , 13, e13158	12	6
173	Genetics of Host Protection against Infections. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
172	The Role of Formyl Peptide Receptors in Permanent and Low-Grade Inflammation: Infection as a Model. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
171	Clinical Assessment of Endothelial Function in Convalescent COVID-19 Patients Undergoing Multidisciplinary Pulmonary Rehabilitation. <i>Biomedicines</i> , 2021 , 9,	4.8	13
170	Performance of fractional exhaled nitric oxide in predicting response to inhaled corticosteroids in chronic cough: a meta-analysis. <i>Annals of Medicine</i> , 2021 , 53, 1659-1672	1.5	1
169	A Rapid Antigen Detection Test to Diagnose SARS-CoV-2 Infection Using Exhaled Breath Condensate by A Modified Inflammacheck Device. <i>Sensors</i> , 2021 , 21,	3.8	3
168	Role of Epigenetics in Type 2 Diabetes and Obesity. <i>Biomedicines</i> , 2021 , 9,	4.8	2
167	Persistent Endothelial Dysfunction in Post-Acute COVID-19 Syndrome: A Case-Control Study. <i>Biomedicines</i> , 2021 , 9,	4.8	21
166	Plant Dynamic Metabolic Response to Bacteriophage Treatment After pv. Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 732	5.7	9
165	Clinical application of nasal nitric oxide measurement in allergic rhinitis: A systematic review and meta-analysis. <i>Annals of Allergy, Asthma and Immunology</i> , 2020 , 125, 447-459.e5	3.2	6
164	Role of 2-Arachidonoyl-Glycerol and CB1 Receptors in Orexin-A-Mediated Prevention of Oxygen-Glucose Deprivation-Induced Neuronal Injury. <i>Cells</i> , 2020 , 9,	7.9	4
163	Nasal Nitric Oxide in Chronic Rhinosinusitis with or without Nasal Polyps: A Systematic Review with Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
162	Antibiofilm Activity of a Metabolite against pv. , Alone and in Association with a Phage. <i>Microorganisms</i> , 2020 , 8,	4.9	4

161	Metabolomics of Exhaled Breath Condensate by Nuclear Magnetic Resonance Spectroscopy and Mass Spectrometry: A Methodological Approach. <i>Current Medicinal Chemistry</i> , 2020 , 27, 2381-2399	4.3	3
160	Nitric Oxide and Hydrogen Sulfide: A Nice Pair in the Respiratory System. <i>Current Medicinal Chemistry</i> , 2020 , 27, 7136-7148	4.3	5
159	The Union Is Strength: The Synergic Action of Long Fatty Acids and a Bacteriophage against Biofilm. <i>Microorganisms</i> , 2020 , 9,	4.9	6
158	Fractional Exhaled Nitric Oxide (FENO) in the management of asthma: a position paper of the Italian Respiratory Society (SIP/IRS) and Italian Society of Allergy, Asthma and Clinical Immunology (SIAAIC). <i>Multidisciplinary Respiratory Medicine</i> , 2020 , 15, 36	3	19
157	Interaction between MyD88, TIRAP and IL1RL1 against Helicobacter pylori infection. <i>Scientific Reports</i> , 2020 , 10, 15831	4.9	8
156	NMR Profiling of Exhaled Breath Condensate Defines Different Metabolic Phenotypes of Non-Cystic Fibrosis Bronchiectasis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
155	Olive oil from the 79 A.D. Vesuvius eruption stored at the Naples National Archaeological Museum (Italy). <i>Npj Science of Food</i> , 2020 , 4, 19	6.3	3
154	An In Vitro Model to Investigate the Role of in Type 2 Diabetes, Obesity, Alzheimer's Disease and Cardiometabolic Disease. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
153	An Innovative Approach to Control -Induced Persistent Inflammation and Colonization. <i>Microorganisms</i> , 2020 , 8,	4.9	9
152	Blood biomarkers indicate that the preclinical stages of Alzheimer's disease present overlapping molecular features. <i>Scientific Reports</i> , 2020 , 10, 15612	4.9	11
151	Bacteriophages Promote Metabolic Changes in Bacteria Biofilm. <i>Microorganisms</i> , 2020 , 8,	4.9	7
150	Comparison of three different exhaled nitric oxide analyzers in chronic respiratory disorders. <i>Journal of Breath Research</i> , 2019 , 13, 021002	3.1	11
149	Biomimetic hydroxyapatite nanocrystals are an active carrier for bacteriophages. <i>International Journal of Nanomedicine</i> , 2019 , 14, 2219-2232	7.3	18
148	Data on the inhibition of cell proliferation and invasion by the D2A-Ala peptide derived from the urokinase receptor. <i>Data in Brief</i> , 2019 , 22, 903-908	1.2	
147	Metabolite variation in three edible Italian Allium cepa L. by NMR-based metabolomics: a comparative study in fresh and stored bulbs. <i>Metabolomics</i> , 2019 , 15, 105	4.7	9
146	Blood eosinophils as biomarkers of therapeutic response to chronic obstructive pulmonary disease: Still work in progress. <i>European Journal of Internal Medicine</i> , 2019 , 68, 1-5	3.9	6
145	The Immune-Modulator Pidotimod Affects the Metabolic Profile of Exhaled Breath Condensate in Bronchiectatic Patients: A Metabolomics Pilot Study. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1115	5.6	5
144	Biomarkers in cardiac rehabilitation: can they be applied in clinical practice?. <i>Biomarkers in Medicine</i> , 2019 , 13, 701-705	2.3	1

143	Exhaled and nasal nitric oxide measurement in the evaluation of chronic cough. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 83, 19-23	5	7
142	Clinical metabolomics of exhaled breath condensate in chronic respiratory diseases. <i>Advances in Clinical Chemistry</i> , 2019 , 88, 121-149	5.8	24
141	Differential diagnosis between newly diagnosed asthma and COPD using exhaled breath condensate metabolomics: a pilot study. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	25
140	Enhancement of hepatic autophagy increases ureagenesis and protects against hyperammonemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 391-396	11.5	23
139	D2A-Ala peptide derived from the urokinase receptor exerts anti-tumoural effects in vitro and in vivo. <i>Peptides</i> , 2018 , 101, 17-24	3.8	3
138	Clinical and Inflammatory Phenotyping: Can Electronic Nose and NMR-based Metabolomics Work at the Bedside?. <i>Archives of Medical Research</i> , 2018 , 49, 74-76	6.6	14
137	Metabolomic Analysis by Nuclear Magnetic Resonance Spectroscopy as a New Approach to Understanding Inflammation and Monitoring of Pharmacological Therapy in Children and Young Adults With Cystic Fibrosis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 595	5.6	9
136	Nuclear magnetic resonance-based metabolomics in respiratory medicine. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	8
135	D2A sequence of the urokinase receptor induces cell growth through $\alpha 5 \beta 1$ integrin and EGFR. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 1889-1907	10.3	10
134	Role of phage $\phi 1$ in two strains of Salmonella Rissen, sensitive and resistant to phage $\phi 1$. <i>BMC Microbiology</i> , 2018 , 18, 208	4.5	5
133	Biomonitoring of workers using nuclear magnetic resonance-based metabolomics of exhaled breath condensate: A pilot study. <i>Toxicology Letters</i> , 2018 , 298, 4-12	4.4	7
132	Is there a role for biomarkers in pulmonary rehabilitation?. <i>Biomarkers in Medicine</i> , 2018 , 12, 1069-1072	2.3	3
131	Long-term effect of weight loss induced by bariatric surgery on asthma control and health related quality of life in asthmatic patients with severe obesity: A pilot study. <i>Respiratory Medicine</i> , 2017 , 130, 69-74	4.6	14
130	Vitamin C and l-Proline Antagonistic Effects Capture Alternative States in the Pluripotency Continuum. <i>Stem Cell Reports</i> , 2017 , 8, 1-10	8	43
129	The hypothesis that Helicobacter pylori predisposes to Alzheimer's disease is biologically plausible. <i>Scientific Reports</i> , 2017 , 7, 7817	4.9	14
128	Biomarkers in allergic asthma: Which matrix should we use?. <i>Clinical and Experimental Allergy</i> , 2017 , 47, 1097-1098	4.1	4
127	Coexistence of obesity and asthma determines a distinct respiratory metabolic phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1536-1547.e5	11.5	53
126	Monoterpenoids from the traditional North Italian vegetable Aruncus dioicus (Walter) Fernald var. vulgaris (Maxim.) H.Hara (Rosaceae). <i>Food Chemistry</i> , 2017 , 221, 1851-1859	8.5	1

125	Monitoring spatial and temporal metabolic dynamics of woody poplar root under mechanical stress conditions by NMR-based metabolomics. <i>Metabolomics</i> , 2016 , 12, 1	4.7	5
124	Metabolomics of chronic obstructive pulmonary disease and obstructive sleep apnea syndrome: a comment. <i>Metabolomics</i> , 2016 , 12, 1	4.7	1
123	Recent Advances on Nitric Oxide in the Upper Airways. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2736-2745	4.3	30
122	Electronic Nose and Exhaled Breath NMR-based Metabolomics Applications in Airways Disease. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 1610-30	3	53
121	Metabolic response of SH-SY5Y cells to gold nanoparticles by NMR-based metabolomics analyses. <i>Biomedical Physics and Engineering Express</i> , 2016 , 2, 045003	1.5	2
120	Neuroendocrine Transdifferentiation in Human Prostate Cancer Cells: An Integrated Approach. <i>Cancer Research</i> , 2015 , 75, 2975-86	10.1	26
119	Two non-psychoactive cannabinoids reduce intracellular lipid levels and inhibit hepatosteatosis. <i>Journal of Hepatology</i> , 2015 , 62, 1382-90	13.4	49
118	Inflammatory metabolites in exhaled breath condensate characterize the obese respiratory phenotype. <i>Metabolomics</i> , 2015 , 11, 1934-1939	4.7	11
117	Low alveolar and bronchial nitric oxide in severe uncomplicated obesity. <i>Obesity Research and Clinical Practice</i> , 2015 , 9, 603-8	5.4	9
116	NADP(+)-dependent dehydrogenase activity of carbonyl reductase on glutathionylhydroxynonanal as a new pathway for hydroxynonanal detoxification. <i>Free Radical Biology and Medicine</i> , 2015 , 83, 66-76	7.8	19
115	Basic amino acids and dimethylarginines targeted metabolomics discriminates primary hepatocarcinoma from hepatic colorectal metastases. <i>Metabolomics</i> , 2014 , 10, 1026-1035	4.7	6
114	Nuclear magnetic resonance-based metabolomics discriminates primary ciliary dyskinesia from cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 229-33	10.2	38
113	NMR metabolomic analysis of exhaled breath condensate of asthmatic patients at two different temperatures. <i>Journal of Proteome Research</i> , 2014 , 13, 6107-20	5.6	44
112	Seasonal changes in the metabolic fingerprint of <i>Juniperus communis</i> L. berry extracts by ¹ H NMR-based metabolomics. <i>Metabolomics</i> , 2014 , 10, 165-174	4.7	18
111	High resolution ¹³ C NMR detection of short- and medium-chain synthetic triacylglycerols used in butterfat adulteration. <i>European Journal of Lipid Science and Technology</i> , 2013 , 115, 858-864	3	13
110	Phomentrioloxin, a fungal phytotoxin with potential herbicidal activity, and its derivatives: a structure-activity relationship study. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 9645-9	5.7	11
109	Agropyrenol, a phytotoxic fungal metabolite, and its derivatives: a structure-activity relationship study. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 1779-83	5.7	25
108	Separating smoking-related diseases using NMR-based metabolomics of exhaled breath condensate. <i>Journal of Proteome Research</i> , 2013 , 12, 1502-11	5.6	73

107	Afritoxinones A and B, dihydrofuropyran-2-ones produced by <i>Diplodia africana</i> the causal agent of branch dieback on <i>Juniperus phoenicea</i> . <i>Phytochemistry</i> , 2012 , 77, 245-50	4	26
106	Agropyrenol and agropyrenal, phytotoxins from <i>Ascochyta agropyrina</i> var. <i>nana</i> , a fungal pathogen of <i>Elitrigia repens</i> . <i>Phytochemistry</i> , 2012 , 79, 102-8	4	22
105	Understanding UV-driven metabolism in the hypersaline ciliate <i>Fabrea salina</i> . <i>European Biophysics Journal</i> , 2012 , 41, 107-14	1.9	2
104	NMR spectroscopy metabolomic profiling of exhaled breath condensate in patients with stable and unstable cystic fibrosis. <i>Thorax</i> , 2012 , 67, 222-8	7.3	121
103	Nuclear magnetic resonance-based metabolomics of exhaled breath condensate: methodological aspects. <i>European Respiratory Journal</i> , 2012 , 39, 498-500	13.6	64
102	Structural Elements Regulating Interactions in the Early Stages of Fibrillogenesis: A Human Calcitonin Model System 2012 , 351-388		1
101	Sphaeropsidones, phytotoxic dimedone methyl ethers produced by <i>Diplodia cupressi</i> : a structure-activity relationship study. <i>Journal of Natural Products</i> , 2011 , 74, 757-63	4.9	21
100	In vivo NMR metabolic profiling of <i>Fabrea salina</i> reveals sequential defense mechanisms against ultraviolet radiation. <i>Biophysical Journal</i> , 2011 , 100, 215-24	2.9	9
99	Phytotoxic polyketides produced by <i>Phomopsis foeniculi</i> , a strain isolated from diseased Bulgarian fennel. <i>European Journal of Plant Pathology</i> , 2011 , 130, 173-182	2.1	24
98	Phomachalasin AD, 26-oxa[16] and [15]cytochalasins produced by <i>Phoma exigua</i> var. <i>exigua</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Tetrahedron</i> , 2011 , 67, 1557-1563	2.4	9
97	Converting the highly amyloidogenic human calcitonin into a powerful fibril inhibitor by three-dimensional structure homology with a non-amyloidogenic analogue. <i>Journal of Biological Chemistry</i> , 2011 , 286, 2707-18	5.4	23
96	Exploring airway diseases by NMR-based metabolomics: a review of application to exhaled breath condensate. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 403260		38
95	Monitoring real-time metabolism of living cells by fast two-dimensional NMR spectroscopy. <i>Analytical Chemistry</i> , 2010 , 82, 2405-11	7.8	36
94	Polyphenols, including the new Peapolyphenols A-C, from pea root exudates stimulate <i>Orobancha foetida</i> seed germination. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2902-7	5.7	42
93	Monitoring liver alterations during hepatic tumorigenesis by NMR profiling and pattern recognition. <i>Metabolomics</i> , 2010 , 6, 405-416	4.7	10
92	Enzymatic synthesis and 3-D structure of anti-proliferative acidic (MeGlcUA) xylotetrasaccharide. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 61, 129-135		5
91	Peagol and peagoldione, two new strigolactone-like metabolites isolated from pea root exudates. <i>Tetrahedron Letters</i> , 2009 , 50, 6955-6958	2	45
90	Alternethanoxins A and B, polycyclic ethanones produced by <i>Alternaria sonchi</i> , potential mycoherbicides for <i>Sonchus arvensis</i> biocontrol. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 6656-60	5.7	34

89	Differential reactivity of purified bioactive coffee furans, cafestol and kahweol, with acidic nitrite: product characterization and factors controlling nitrosation versus ring-opening pathways. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1922-8	4	15
88	Phyllostoxin and phyllostin, bioactive metabolites produced by <i>Phyllosticta cirsii</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 884-8	5.7	31
87	Metabolomics using 1H-NMR of apoptosis and Necrosis in HL60 leukemia cells: differences between the two types of cell death and independence from the stimulus of apoptosis used. <i>Radiation Research</i> , 2008 , 169, 170-80	3.1	41
86	Stagonolides G-I and modiolide A, nonenolides produced by <i>Stagonospora cirsii</i> , a potential mycoherbicide for <i>Cirsium arvense</i> . <i>Journal of Natural Products</i> , 2008 , 71, 1897-901	4.9	55
85	Stagonolides B-F, nonenolides produced by <i>Stagonospora cirsii</i> , a potential mycoherbicide of <i>Cirsium arvense</i> . <i>Journal of Natural Products</i> , 2008 , 71, 31-4	4.9	77
84	Metabonomic analysis of exhaled breath condensate in adults by nuclear magnetic resonance spectroscopy. <i>European Respiratory Journal</i> , 2008 , 32, 1175-83	13.6	101
83	Fractional volume integration in two-dimensional NMR spectra: CAKE, a Monte Carlo approach. <i>Journal of Magnetic Resonance</i> , 2008 , 192, 294-301	3	6
82	Phyllostictines AD, oxazatricycloalkenones produced by <i>Phyllosticta cirsii</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Tetrahedron</i> , 2008 , 64, 1612-1619	2.4	37
81	Trigoxazonane, a monosubstituted trioxazonane from <i>Trigonella foenum-graecum</i> root exudate, inhibits <i>Orobanche crenata</i> seed germination. <i>Phytochemistry</i> , 2007 , 68, 2487-92	4	41
80	Ophiobolin E and 8-epi-ophiobolin J produced by <i>Drechslera gigantea</i> , a potential mycoherbicide of weedy grasses. <i>Phytochemistry</i> , 2006 , 67, 2281-7	4	42
79	Temporal dynamics of 1H-NMR-visible metabolites during radiation-induced apoptosis in MG-63 human osteosarcoma spheroids. <i>Radiation Research</i> , 2006 , 166, 734-45	3.1	10
78	Structural determinants of salmon calcitonin bioactivity: the role of the Leu-based amphipathic alpha-helix. <i>Journal of Biological Chemistry</i> , 2006 , 281, 24193-203	5.4	44
77	Diplobifuranylonones A and B, 5Smonosubstituted tetrahydro-2H-bifuranyl-5-ones produced by <i>Diplodia corticola</i> , a fungus pathogen of cork oak. <i>Journal of Natural Products</i> , 2006 , 69, 671-4	4.9	28
76	Viridenepoxydiol, a new pentasubstituted oxiranyldecene produced by <i>Trichoderma viride</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 6588-92	5.7	10
75	Increases in 1H-NMR mobile lipids are not always associated with overt apoptosis: evidence from MG-63 human osteosarcoma three-dimensional spheroids exposed to a low dose (2 Gy) of ionizing radiation. <i>Radiation Research</i> , 2006 , 165, 131-41	3.1	13
74	Chemical and biological characterisation of sapinopyridione, a phytotoxic 3,3,6-trisubstituted-2,4-pyridione produced by <i>Sphaeropsis sapinea</i> , a toxigenic pathogen of native and exotic conifers, and its derivatives. <i>Phytochemistry</i> , 2006 , 67, 1019-28	4	25
73	Characterization of buffalo milk by 31P-nuclear magnetic resonance spectroscopy. <i>Journal of Food Composition and Analysis</i> , 2006 , 19, 843-849	4.1	24
72	The preferred conformation of the tripeptide Ala-Phe-Ala in water is an inverse gamma-turn: implications for protein folding and drug design. <i>Biochemistry</i> , 2005 , 44, 14170-8	3.2	34

71	Drazeponone, a trisubstituted tetrahydronaphthofuroazepinone with herbicidal activity produced by <i>Drechslera siccans</i> . <i>Phytochemistry</i> , 2005 , 66, 715-21	4	24
70	Synthesis and characterization of a novel alginate β poly(ethylene glycol) graft copolymer. <i>Carbohydrate Polymers</i> , 2005 , 62, 274-282	10.3	99
69	A 700 MHz ¹ H-NMR study reveals apoptosis-like behavior in human K562 erythroleukemic cells exposed to a 50 Hz sinusoidal magnetic field. <i>International Journal of Radiation Biology</i> , 2005 , 81, 97-113 ^{2.9}		10
68	A folding-dependent mechanism of antimicrobial peptide resistance to degradation unveiled by solution structure of distinctin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 6309-14	11.5	64
67	Modulating calcitonin fibrillogenesis: an antiparallel alpha-helical dimer inhibits fibrillation of salmon calcitonin. <i>Journal of Biological Chemistry</i> , 2004 , 279, 6364-70	5.4	18
66	Ascocochine, the enol tautomer of 4-pyridylpyruvic acid with herbicidal activity produced by <i>Ascochyta sonchi</i> . <i>Phytochemistry</i> , 2004 , 65, 475-80	4	16
65	(-)-Amarbellisine, a lycorine-type alkaloid from <i>Amaryllis belladonna</i> L. growing in Egypt. <i>Phytochemistry</i> , 2004 , 65, 2113-8	4	61
64	Environmental fine particulate matter (PM 2.5) activates the RAW 264.7 macrophage cell line even at very low concentrations as revealed by ¹ H NMR. <i>Chemical Research in Toxicology</i> , 2004 , 17, 63-74	4	12
63	Rapid and sensitive NMR method for osmolyte determination. <i>Journal of Microbiological Methods</i> , 2004 , 58, 289-94	2.8	25
62	MG-63 human osteosarcoma cells grown in monolayer and as three-dimensional tumor spheroids present a different metabolic profile: a (¹ H) NMR study. <i>FEBS Letters</i> , 2004 , 557, 148-54	3.8	35
61	Sphaeropsidin F, a New Pimarane Diterpene Produced in Vitro by the Cypress Pathogen <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> . <i>Australian Journal of Chemistry</i> , 2003 , 56, 615	1.2	11
60	A left-handed alpha-helix containing both L- and D-amino acids: the solution structure of the antimicrobial lipodepsipeptide tolaasin. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 52, 534-43 ^{4.2}		30
59	Viridepyronone, a new antifungal 6-substituted 2H-pyran-2-one produced by <i>Trichoderma viride</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 6957-60	5.7	96
58	Cytochalasins Z4, Z5, and Z6, three new 24-Oxa[14]cytochalasans produced by <i>Phoma exigua</i> var. <i>heteromorpha</i> . <i>Journal of Natural Products</i> , 2003 , 66, 1540-4	4.9	29
57	Two distinct calcium-calmodulin interactions with N-terminal regions of the olfactory and rod cyclic nucleotide-gated channels characterized by NMR spectroscopy. <i>FEBS Letters</i> , 2003 , 548, 11-6	3.8	7
56	Diplopyrone, a new phytotoxic tetrahydropyranpyran-2-one produced by <i>Diplodia mutila</i> , a fungus pathogen of cork oak. <i>Journal of Natural Products</i> , 2003 , 66, 313-5	4.9	41
55	A new time-domain frequency-selective quantification algorithm. <i>Journal of Magnetic Resonance</i> , 2002 , 155, 226-35	3	14
54	¹³ C NMR spectra of TAG: An easy way to distinguish milks from different animal species. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2002 , 79, 123-127	1.8	27

53	Sphaeropsidins D and E, two other pimarane diterpenes, produced in vitro by the plant pathogenic fungus <i>Sphaeropsis sapinea</i> f. sp. <i>cupressi</i> . <i>Phytochemistry</i> , 2002 , 59, 817-23	4	22
52	Cytochalasins Z1, Z2 and Z3, three 24-oxa[14]cytochalasans produced by <i>Pyrenophora semeniperda</i> . <i>Phytochemistry</i> , 2002 , 60, 45-53	4	56
51	SDS-resistant active and thermostable dimers are obtained from the dissociation of homotetrameric beta-glycosidase from hyperthermophilic <i>Sulfolobus solfataricus</i> in SDS. Stabilizing role of the A-C intermonomeric interface. <i>Journal of Biological Chemistry</i> , 2002 , 277, 44050-60	5.4	43
50	The cytoplasmic tail of invariant chain regulates endosome fusion and morphology. <i>Molecular Biology of the Cell</i> , 2002 , 13, 1846-56	3.5	36
49	Kinase recognition by calmodulin: modeling the interaction with the autoinhibitory region of human cardiac titin kinase. <i>Journal of Molecular Biology</i> , 2001 , 306, 81-95	6.5	6
48	The relationship between ¹ H-NMR mobile lipid intensity and cholesterol in two human tumor multidrug resistant cell lines (MCF-7 and LoVo). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001 , 1531, 111-31	5	35
47	Trans-4-aminoproline, a phytotoxic metabolite with herbicidal activity produced by <i>Ascochyta caulina</i> . <i>Phytochemistry</i> , 2000 , 53, 231-7	4	33
46	Milk identification of different species: ¹³ C-NMR spectroscopy of triacylglycerols from cows and buffaloes. <i>Journal of Dairy Science</i> , 2000 , 83, 2432-7	4	37
45	Nobilisitin A and B, two masanane-type alkaloids from <i>Clivia nobilis</i> f. 1. <i>Phytochemistry</i> , 1999 , 51, 1151-1155	4	28
44	Conformational flexibility in calcitonin: the dynamic properties of human and salmon calcitonin in solution. <i>Journal of Biomolecular NMR</i> , 1999 , 13, 161-74	3	29
43	Forced adhesive growth of K562 leukemic cells that normally grow in suspension induces variations in membrane lipids and energy metabolism: a proton NMR study. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 46, 171-8		7
42	Sapinofuranones A and B, two new 2(3H)-dihydrofuranones produced by <i>sphaeropsis sapinea</i> , a common pathogen of conifers. <i>Journal of Natural Products</i> , 1999 , 62, 253-6	4.9	34
41	Solution structure of human calcitonin in membrane-mimetic environment: The role of the amphipathic helix. <i>Proteins: Structure, Function and Bioinformatics</i> , 1998 , 32, 314-323	4.2	59
40	Sphaeropsidone and episphaeropsidone, phytotoxic dimedone methylethers produced by <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> grown in liquid culture. <i>Phytochemistry</i> , 1998 , 48, 1139-1143	4	31
39	Ascaulitoxin, a phytotoxic bis-amino acid N-glucoside from <i>Ascochyta caulina</i> . <i>Phytochemistry</i> , 1998 , 48, 1131-1137	4	38
38	Brefeldin A and 11-dehydrocurvularin, two phytotoxins from <i>Alternaria zinniae</i> , a biocontrol agent of <i>Xanthium occidentale</i> . <i>Plant Science</i> , 1998 , 138, 67-79	5.3	51
37	Topology of the calmodulin-melittin complex. <i>Journal of Molecular Biology</i> , 1998 , 277, 945-58	6.5	85
36	Solution structure of human calcitonin in membrane-mimetic environment: the role of the amphipathic helix. <i>Proteins: Structure, Function and Bioinformatics</i> , 1998 , 32, 314-23	4.2	21

35	Effect of low density lipoprotein fatty acid composition on copper-induced peroxidation: 1H-nuclear magnetic resonance analysis. <i>Clinica Chimica Acta</i> , 1997 , 258, 193-200	6.2	8
34	A new triple-stranded alpha-helical bundle in solution: the assembling of the cytosolic tail of MHC-associated invariant chain. <i>Structure</i> , 1997 , 5, 1453-64	5.2	16
33	Sphaeropsidins B and C, phytotoxic pimarane diterpenes from <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> and <i>Diplodia mutila</i> . <i>Phytochemistry</i> , 1997 , 45, 705-713	4	50
32	A phytotoxic pimarane diterpene of <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> , the pathogen of a canker disease of cypress. <i>Phytochemistry</i> , 1996 , 42, 1541-1546	4	51
31	Structure-activity relationship of the leucine-based sorting motifs in the cytosolic tail of the major histocompatibility complex-associated invariant chain. <i>Journal of Biological Chemistry</i> , 1995 , 270, 27165-71	5.4	43
30	A Calmodulin-binding Sequence in the C-terminus of Human Cardiac Titin Kinase. <i>FEBS Journal</i> , 1995 , 230, 752-759		28
29	Multiple conformations and proline cis-trans isomerization in salmon calcitonin: a combined nuclear magnetic resonance, distance geometry, and molecular mechanics study. <i>Biochemistry</i> , 1994 , 33, 10754-62	3.2	38
28	Probing protein structure by solvent perturbation of NMR spectra. II. Determination of surface and buried residues in homologous proteins. <i>Biopolymers</i> , 1993 , 33, 839-46	2.2	8
27	Seiricardines B and C, phytotoxic sesquiterpenes from three species of <i>Seiridium</i> pathogenic for cypress. <i>Phytochemistry</i> , 1993 , 33, 69-78	4	18
26	Probing protein structure by solvent perturbation of nuclear magnetic resonance spectra. Nuclear magnetic resonance spectral editing and topological mapping in proteins by paramagnetic relaxation filtering. <i>Journal of Molecular Biology</i> , 1992 , 224, 659-70	6.5	66
25	Dynamic properties of salmon calcitonin bound to sodium dodecyl sulfate micelles: a restrained molecular dynamics study from NMR data. <i>Journal of Biomolecular NMR</i> , 1992 , 2, 335-48	3	18
24	Conformational analysis of an opioid peptide in solvent media that mimic cytoplasm viscosity. <i>Biopolymers</i> , 1992 , 32, 367-72	2.2	32
23	Solution structure of deltorphin I at 265 K: a quantitative NMR study. <i>Peptide Research</i> , 1992 , 5, 48-55		4
22	Conformation activity relationship of deltorphin I: A NMR study in viscous media 1992 , 115-116		1
21	Viscosity as a conformational sieve. NOE of linear peptides in cryoprotective mixtures. <i>Journal of Magnetic Resonance</i> , 1991 , 95, 201-207		16
20	1H resonance assignment and secondary structure determination of the dimerization domain of transcription factor LFB1. <i>Biochemistry</i> , 1991 , 30, 148-53	3.2	25
19	Solution conformation of salmon calcitonin in sodium dodecyl sulfate micelles as determined by two-dimensional NMR and distance geometry calculations. <i>Biochemistry</i> , 1991 , 30, 10444-50	3.2	78
18	Conformation-activity relationship of tachykinin neurokinin A (4-10) and of some [Xaa8] analogues. <i>Biochemistry</i> , 1991 , 30, 10175-81	3.2	28

17	A ¹ H NMR study of human calcitonin in solution. <i>Biochemistry</i> , 1991 , 30, 2364-71	3.2	40
16	Cyclic hexapeptides related to somatostatin. Conformational analysis employing ¹ H-NMR and molecular dynamics. <i>International Journal of Peptide and Protein Research</i> , 1990 , 36, 418-32		21
15	Conformational preferences of [Leu ⁵]enkephalin in biomimetic media. Investigation by ¹ H NMR. <i>FEBS Journal</i> , 1990 , 192, 433-9		65
14	Bioactive conformation of linear peptides in solution: an elusive goal?. <i>Biopolymers</i> , 1989 , 28, 91-107	2.2	40
13	Conformational analysis of peptide T and of its C-pentapeptide fragment. <i>Biopolymers</i> , 1989 , 28, 479-86	2.2	24
12	Sequential ¹ H NMR assignment and secondary structure determination of salmon calcitonin in solution. <i>Biochemistry</i> , 1989 , 28, 7996-8002	3.2	39
11	¹ H-nmr studies of the 20-31 fragment of calmodulin and of its cyclic analogue. <i>Biopolymers</i> , 1988 , 27, 789-803	2.2	5
10	Low temperature nmr studies of leu-enkephalins in cryoprotective solvents.. <i>Tetrahedron</i> , 1988 , 44, 975-990		24
9	A 500 MHz study of peptide T in a DMSO solution. <i>FEBS Letters</i> , 1988 , 231, 159-63	3.8	26
8	Nuclear Overhauser effects in linear peptides. A low-temperature 500 MHz study of Met-enkephalin. <i>FEBS Letters</i> , 1987 , 215, 215-8	3.8	24
7	Complete assignment of the aromatic proton magnetic resonance spectrum of the kringle 1 domain from human plasminogen: structure of the ligand-binding site. <i>Biochemistry</i> , 1987 , 26, 3827-36	3.2	50
6	NOE measurements on linear peptides in cryoprotective aqueous mixtures. <i>Journal of Magnetic Resonance</i> , 1987 , 75, 364-370		18
5	Characterization of the low-field proton magnetic resonance spectrum of plasminogen kringle 4 via selective Overhauser experiments in ¹ H ₂ O. <i>Biochemistry</i> , 1986 , 25, 7924-31	3.2	6
4	Proton magnetic resonance study of kringle 1 from human plasminogen. Insights into the domain structure.. <i>Journal of Biological Chemistry</i> , 1986 , 261, 13684-13692	5.4	8
3	Kringle 4 from human plasminogen: ¹ H-nuclear magnetic resonance study of the interactions between amino acid ligands and aromatic residues at the lysine-binding site. <i>Journal of Biosciences</i> , 1985 , 8, 121-139	2.3	18
2	Macro- and micro-stabilities of the kringle 4 domain from plasminogen. The effect of ligand binding. <i>Biophysical Journal</i> , 1985 , 48, 411-22	2.9	16
1	Influence of the ionic environment on the conformation of aspartic acid and possible relevance to its neurotransmitter action. <i>Journal of Neurochemistry</i> , 1983 , 40, 903-7	6	2